

README FILE FOR THE R512_S DLL

R512_S.DLL can be used to calculate RUG-III Version 5.12 for hospital swing beds using the Swing Bed MDS 2.0 (SB-MDS 2.0) assessment instrument. R512_S.DLL is a 32-bit ActiveX DLL which can be called from Visual Basic 6.0 (or later) or from 32-bit C++ applications.

The ZIP file containing the software and associated documentation may be freely distributed and you may freely use and distribute the DLLs in your applications. Please read the disclaimer in the technical documentation (TechDoc.pdf).

The DLL accepts an input string containing an SB-MDS data record in the standard CMS submission format and returns the RUGs value and associated information. Please note that the current version of this DLL (Version 1.01) supports only the 44 group model of RUG-III Version 5.12; the 34-group RUGs model is not currently supported.

R512S101.ZIP contains the following files:

- Readme.pdf: This brief description of the DLL and the ZIP file contents. You must have the Adobe Acrobat reader to view or print this file. The reader is available for free from <http://www.adobe.com> and from many other sites on the Internet.
- TechDoc.pdf: The technical documentation file in Adobe Acrobat format.
- R512_S.dll: The 32-bit DLL.
- VbDemo.*: Visual Basic 6.0 project files and an EXE demonstrating the use of the DLL from Visual Basic.
- Cdemo.*: Microsoft Visual C++ Version 5.0 project files and an EXE demonstrating the use of the DLL from C++.
- SbTest1.asc: A file containing 2004 SB-MDS test records in standard submission format with correct RUG-III classifications included. The correct special Medicare classification using the Rural Medicare PPS CMI set (set A01) is contained in the position for SB-MDS item 43-Medicare in each record. The correct hierarchical classification is contained in the position for SB-MDS item 43-State in each record. This file is used by the demo programs. It also can be used by developers to ensure proper usage of the DLL or proper operation of other programs to perform RUG-III classification for SB-MDS data.
- SbCode.txt: A file containing the Visual Basic source code for RUG-III classification used in the DLL. This source code file includes extensive documentation at the beginning of the file.
- Cmi512S.txt: A file containing the 2 RUG-III CMI sets used for Medicare PPS RUG-III classification for swing beds.